

Notice of Allowability

Application No.

09/228,710

Examiner

Walter F. Briney III

Applicant(s)

CHOULDJIAN ET AL.

Art Unit

2646

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 11 August 2005.
2. ☒ The allowed claim(s) is/are 1,2,4-7,9-11,15,17-20,22,23,25 and 27-29.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Steven Y. Pang, Reg. No. 38,575, on 30 August 2005.

The application has been amended as follows:

20. Canceled.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

1. **Claims 1, 2, 4-7, 9-11, 15, 17-19, 22, 23, 25 and 27-29 are allowed.**

Claim 1 is limited to *a method for providing power within a telephone server coupled to a computer system via an interface bus, to a maximum number of telephones, and to a telephone trunk, the computer system providing a primary voltage and a secondary voltage. While it was shown in the previous Office Action filed 11 August 2005 that Giacomelli in view of Burgess and further in view of Feiner makes obvious those steps previously presented in claim 1, it was also shown that none of these references whether taken alone or in combination disclose, teach or suggest generating second operational voltage...when the telephones receive telephone calls*

from other telephones from the maximum number of telephones; wherein the first operational voltage is greater than the second operational voltage. See the Objection to claims 7 and 15 on pages 8 and 9 of the previous Office Action. Thus, claim 1 as amended is allowable over the cited prior art.

Claims 2 and 4-7 are dependent on claim 1, and, therefore, are allowable over the cited prior art for at least the same reasons.

Claim 9 is limited to *a telephone server coupled to a computer system via a computer bus, configured to provide output power and signal to a plurality of telephones, and to a telephone trunk, the computer system providing a primary voltage and a secondary voltage. Claim 9 includes elements that perform essentially the same steps recited in claim 1. In addition, claim 9 has been amended such that the transformer circuit therein provides second operational power...wherein the second operational power provides power to telephones that receive telephone calls from other telephones of the plurality of telephones; and wherein the first operational power is greater than the second operational power.* In this way, claim 9 recites essentially the same allowable subject matter as claim 1, and is allowable over the cited prior art for at least the same reasons.

Claims 10, 11, 15, 17 and 29 are dependent on claim 9, and, therefore, are allowable over the cited prior art for at least the same reasons.

Claim 18 is limited to *a method for a telecommunications interface for providing drive voltages for a plurality of telephones coupled thereto, the telecommunications interface also coupled to a computer system, the computer system providing a first drive*

voltage and a second drive voltage to the telecommunications interface. As noted in the objection of claim 20 in the previous Office Action filed 11 August 2005, the cited prior art simply does not provide an enable signal that controls the generation of both ringing drive voltage and a first operational drive voltage. In contrast, the combination of Burgess and Itoh teaches providing operational drive voltage with a switching voltage regulator seen in figure 2 of Burgess and providing ringing drive voltage using the DC/AC switching inverter seen in figure 2 of Itoh. Clearly the regulator and inverter are separate devices requiring separate enable signals. Thus, claim 18 is allowable over the cited prior art.

Claims 19, 22, 23, 25, 27 and 28 are dependent on claim 18, and, therefore, are allowable over the cited prior art for at least the same reasons.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Walter F. Briney III whose telephone number is 571-272-7513. The examiner can normally be reached on M-F 8am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh Tran can be reached on 571-272-7564. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

WFB
8/30/05



SINH TRAN
SUPERVISORY PATENT EXAMINER